

**AMENDMENTS TO THE SPECIFICATION:**

Please replace paragraph [0056] with the following amended paragraph:

[0056] Fig. 5 illustrates the resistivity of a  $\text{MgB}_2$  film deposited on a polycrystalline alumina substrate. Fig. 6 illustrates the resistance of a  $\text{MgB}_2$  film deposited on flexible stainless steel tape. For both substrates 14, a  $T_c$  of approximately 38-39K is achieved.